

Appl. No. 09/936,528

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1-19. (canceled)

20. (currently amended)      An Internet broadcasting method comprising the steps of:  
providing an Internet broadcasting server configured to broadcast unicast data and  
multicast data;

providing a terminal having broadcasting receiving means to directly receive multicast  
data, data treatment and display means connected to the broadcasting receiving means for  
receiving, processing and displaying the multicast data from the broadcasting receiving means,  
and broadcasting repeating means to directly receive unicast data, transform the unicast data to  
multicast data, and transmit the transformed multicast data to other terminals; and

receiving by the broadcasting receiving means multicast data broadcast by the Internet  
broadcasting server, and if the multicasting data is not received by the broadcasting receiving  
means for a predetermined period of time, connecting directly connecting a the broadcasting  
repeating means of the terminal to an the Internet broadcasting server and receiving the unicast  
data, transforming the received unicast data into multicast data and transmitting the transformed  
multicast data to other terminals connected to the terminal, by using TCP/IP or UDP, if IP  
multicasting data is not received from the Internet broadcasting server;

receiving broadcasting data from the Internet broadcasting server by using TCP/IP or  
UDP;

transforming the received broadcasting data into IP multicasting data; and  
transmitting the IP multicasting data to other terminals connected via a network.

21. (canceled)

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22. (currently amended) A computer readable recording media recorded with a program for executing the steps method defined in claim 20.

23. (currently amended) An Internet broadcasting system, comprising:  
having an Internet broadcasting server broadcasting to a number of terminals via the Internet, the server broadcasting unicast data and multicast data;

a plurality of terminals, wherein at least one of the terminals comprises:

i) broadcasting receiving means to receive multicast data,

ii) data treatment and display means connected to the broadcasting receiving means for receiving the multicast data from the broadcasting receiving means, and processing and displaying the multicast data.

iii) broadcasting transmission means to receive unicast data, transform the unicast data to multicast data, and transmit the multicast data to other terminals connected to the one terminal via a network.

~~connection request means for requesting a direct connection to the Internet broadcasting server by using TCP/IP or UDP;~~

~~receiving means for receiving broadcasting data from the Internet broadcasting server by using TCP/IP or UDP, and receiving broadcasting data from other terminals;~~

~~display means for displaying the received broadcasting data; and~~

~~repeating means for transforming the received broadcasting data into IP multicasting data, and transmitting the IP multicasting data to other terminals connected via a network.~~

24. (currently amended) The system as defined in claim 23, wherein the Internet broadcasting server leads a terminal requesting a connection to the Internet broadcasting server to connect to another terminal, if the number of terminals connected to the Internet broadcasting server is not smaller than the a threshold value

25. (previously presented) The system as defined in claim 23, wherein ~~said repeating means transmits the IP multicasting data to other terminals via~~ the network comprises a LAN.

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26. (previously presented) The system as defined in claim 23, wherein ~~said repeating means transmits the IP multicasting data to other terminals via IP broadcasting the network~~ comprises routers.

27. (canceled)

28. (canceled)

29. (canceled)

30. (new) An internet broadcasting system comprising:  
an Internet broadcasting server broadcasting unicast data and multicast data via the Internet; and  
a terminal for connection to the broadcasting server, the terminal including a broadcasting receiving unit to receive multicast data, a data processing and display unit connected to the broadcasting receiving unit, and a broadcasting repeating unit to receive unicast data, transform the unicast data to multicast data, and transmit the multicast data to other terminals connected to the terminal.

31. (new) The system as defined in claim 30, wherein the broadcasting repeating unit transmit the multicast data to other terminals via a LAN.

32. (new) The system as defined in claim 30, wherein the broadcasting repeating unit transmit the multicast data to other terminals via routers.